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(51) International Patent Classification ⁶ : A61L 31/00	A3	(11) International Publication Number: WO 97/07833 (43) International Publication Date: 6 March 1997 (06.03.97)
(21) International Application Number: PCT/EP96/03805 (22) International Filing Date: 29 August 1996 (29.08.96) (30) Priority Data: PD95A000166 29 August 1995 (29.08.95) IT PD95A000167 29 August 1995 (29.08.95) IT (71) Applicant (for all designated States except US): FIDIA ADVANCED BIOPOLYMERS, S.R.L. [IT/IT]; Via de Carpentieri, 3, I-72100 Brindisi (IT). (72) Inventors; and (75) Inventors/Applicants (for US only): PRESSATO, Daniele [IT/IT]; Via S. Caterina, 15, I-35036 Montegrotto Terme (IT). PAVESIO, Alessandra [IT/IT]; Via Decorati al Valore Civile, 159, I-35100 Padova (IT). CALLEGARO, Lanfranco [IT/IT]; Via Monte Grappa, 6, I-36016 Thiene (IT). (74) Agent: VOSSIUS & PARTNER; Siebertstrasse 4, D-81675 München (DE).		(81) Designated States: AL, AM, AT, AU, AZ, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, UZ, VN, ARIPO patent (KE, LS, MW, SD, SZ, UG), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG). Published <i>With international search report.</i> <i>Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</i> (88) Date of publication of the international search report: 10 April 1997 (10.04.97)
(54) Title: BIOMATERIALS FOR PREVENTING POST-SURGICAL ADHESIONS COMPRISED OF HYALURONIC ACID DERIVATIVES (57) Abstract New biomaterials essentially constituted by esterified derivatives of hyaluronic acid or by cross-linked derivatives of hyaluronic acid for use in the surgical sector, particularly for use in the prevention of post-surgical adhesions.		

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INTERNATIONAL SEARCH REPORT

International Application No

PL/EP 96/03805

A. CLASSIFICATION OF SUBJECT MATTER
IPC 6 A61L31/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 6 A61L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	W0,A,94 03212 (FIDIA) 17 February 1994 see claims 1,5-8,18 ---	1-3, 11-13, 20-22
X	W0,A,93 11805 (M.U.R.S.T.) 24 June 1993 see claims 1,2,12-18 ---	1-3,9
X	W0,A,92 13579 (FIDIA) 20 August 1992 see claims 1,5-8 ---	1-3
Y	W0,A,86 00912 (PHARMACIA) 13 February 1986 see claims 1,4 ---	1,6,9,10
Y	EP,A,0 341 745 (FIDIA) 15 November 1989 cited in the application see page 11, line 15; claims 1,4,24,28,47; examples 1-3 ---	1,6,9,10
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☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

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X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

& document member of the same patent family

Date of the actual completion of the international search

29 January 1997

Date of mailing of the international search report

14-02-1997

Name and mailing address of the ISA

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INTERNATIONAL SEARCH REPORT

International Application No

PL./EP 96/03805

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP,A,0 216 453 (FIDIA) 1 April 1987 cited in the application see claims 5,12,24 -----	1,2

INTERNATIONAL SEARCH REPORT

International application No.

PCT/EP 96/03805

Box I Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:
Remark : Although claims 20-28 are directed to a method of treatment of the human/animal body the search has been carried out and based on the alleged effects of the compound/composition.
2. ☐ Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
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Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No
PC./ EP 96/03805

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
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INTERNATIONAL SEARCH REPORT

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